

Use the following website to complete this worksheet:  
<http://computer.howstuffworks.com/internet-infrastructure.htm>

## How the Internet Works?

1. The name “Internet” is derived from the concept of \_\_\_\_\_.
2. Who owns the Internet?
3. Who monitors the Internet?
4. Explain how every computer connected to the Internet becomes part of the Internet network.
5. Define:  
    Point of Presence:  
  
    Network Access Points:
6. Read through the description of the Network Example about Company A and B. Draw a diagram symbolizing the network.
7. In addition to NAPS and backbones, networks depend on \_\_\_\_\_.
8. Describe the two specific jobs that routers do.

9. Who created the first high-speed backbone?

10. Backbones are typically:

11. What is the unique identifying number that every machine on the Internet is called?

11. In 1983, the University of Wisconsin created the \_\_\_\_\_ which maps text names to IP addresses automatically.

12. Every time you use a domain name, you use the Internet's DNS servers to \_\_\_\_\_ the human-readable domain name into the machine-readable IP address.

13. Explain how your browser finds an IP Address:

14. Internet \_\_\_\_\_ make the Internet possible. All of the machines on the Internet are either \_\_\_\_\_ or \_\_\_\_\_. The machines that provide \_\_\_\_\_ to other machines are servers. And the machines that are \_\_\_\_\_ to those services are clients. There are Web servers, e-mail servers, FTP servers and so on serving the needs of Internet users all over the world.